: AFT FACING SEAT ASS'Y RH

Date:

Friday, 01/08/2008 10:47:29 AM

User: Julie Lecoca

#### **Process Sheet**

Customer Job Number

Prsht Rev.

First Issue

Written By

Previous Run

: CU-DAR001 Dart Helicopters Services

S.O. No. :

: 40920 : 13314

**Estimate Number** P.O. Number

This Issue

: 01/08/2008

: NC

: //

: 40919

Type : SMALL /MED FAB

**Drawing Number** 

Drawing Name

Part Number

: D412769044 · D412-769-2 REVB

: N/A : B

**Project Number Drawing Revision** 

Material

**Due Date** : 22/08/2008

Qtv:

1 Um:

Each

Checked & Approved By Comment

: Est rev A

08.05-12 new issue

DD verified by:ec Est Rev:B 08-07-17 revB as per dwg DD verified by:ec

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

PACKAGING 1 1.0



PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Pick Packing Kit

2.0

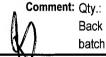
D3782045

Back Leg Assembly



Total:

2.0000 Each(s)



D3782041

Back Leg Assembly

*1*540 87°

2.0000 Each(s)/Unit





Front Inboard Leg Assembly





Comment: Qty.:

Comment: Qty.:

1.0000 Each(s)/Unit

Front Inboard Leg Assembly

Total:

1.0000 Each(s)



40870

4.0

D3782044

Front Outboard Leg Assembly, RH

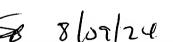


1.0000 Each(s)/Unit Total:

1.0000 Each(s)

Front Outboard Leg Assembly, RH

batch: 1340872



5.0

D3783041

Lateral Brace Assembly



Comment: Qty.:

1.0000 Each(s)/Unit

Total:

1.0000 Each(s)

Lateral Brace Assembly 40874 batch:

W/O:		WORK ORDER C	HANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #: Fault Category:	NCR: Yes	No <b>DQ</b>	<b>A</b> :	Date: _	

QA: N/C Closed: \_\_\_\_ Date: \_\_\_

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		Description of NC		Corrective Action Section E	3	Verification	Annroyal	Annroyal
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
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Date: Friday, 01/08/2008 10:47:29 AM User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y RH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40920 Part Number: D412769044 Job Number: Seq. #: **Machine Or Operation:** Description: D3783043 6.0 Longitudinal Brace Assembly Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Longitudinal Brace Assembly\_ 40825 7.0 D3783045 Angle Brace Assembly Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Angle Brace Assembly batch: D3784041 8.0 Seat Support Assembly, Center Total: Comment: Qty.: 1.0000 Each(s)/Unit 1.0000 Each(s) Seat Support Assembly, Center 40877 batch: 9.0 D3784043 Seat Support Assembly, LH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, LH 40870 batch: D3784044 10.0 Seat Support Assembly, RH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, RH batch: 11.0 D37662 Front Rail, RH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Front Rail batch: 12.0 D37663 Rear Rail Comment: Qty.: 1.0000 Each(s) 1.0000 Each(s)/Unit Total: Rear Rail batch: B 40865

W/O:			WORK ORDER (	CHANGES				
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Date: Friday, 01/08/2008 10:47:29 AM User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y RH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40920 Part Number: D412769044 Job Number: Seq. #: Description: **Machine Or Operation:** D37671 Upper Rail 13.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Upper Rail B 40 86L batch: 14.0 D37921 FF 08/09/24 Total: 3.0000 Each(s B 41923 (x) Comment: Qty.: 3.0000 Each(s)/Unit 3.0000 Each(s) Seat Belt Eye Bolt batch: AN415A 15.0 Bolt Total: Comment: Qty.: 2.0000 Each(s)/Unit, 2.0000 Each(s) Bolt batch: AN45 13A EYE BOLT 16.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) **EYE BOLT** batch: AN510A Bolt 17.0 Comment: Qty.: 6.0000 Each(s)/Unit Total: 6.0000 Each(s) Bolt batch: Bolt AN513A 18.0 Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Bolt 10867 batch: 19.0 AN960JD10 Washer Comment: Qty.: 21.0000 Each(s) Total: M10462\$ Washer (or NAS1149D0363J) batch

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Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Friday, 01/08/2008 10:47:29 AM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y RH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40920 Part Number: D412769044 Job Number: Seq. #: **Description: Machine Or Operation:** AN960JD416 Washer 20.0 Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s) Washer batch: 10369/ (or NAS1149D0463J) batch: AN960JD516 21.0 Washer Comment: Qty.: 20.0000 Each(s)/Unit Total: 20.0000 Each(s) Washer batch: 108672 (or NAS1149D0568J) batch: 22.0 AN52510R24 9.0000 Each(s)/Unit Total: Comment: Qty.: 9.0000 Each(s) Screw 4108879 batch: 23.0 MS21042L3 Nut Comment: Qty.: 9.0000 Each(s)/Unit Total: 9.0000 Each(s) Nut batch: 24.0 MS21042L4 Nut Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Nut batch: Nut 25.0 MS21042L5 12.0000 Each(s)/Unit Total: 12.0000 Each(s) Comment: Qty.: Nut 8/9/18 108161 batch:

W/O:		 	WORK OF	RDER CHANG	ES				
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Friday, 01/08/2008 10:47:29 AM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y RH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40920 Part Number: D412769044 Job Number: Sea. #: Description: **Machine Or Operation:** SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 26.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 1- assemble as per dwg D412-769-2 27.0 QC5 INSPECT WORK TO CURRENT STEP Comment: INSPECT WORK TO CURRENT STEP POWDER COATING POWDER COATING 28.0 n 106442 Comment: POWDER COATING 1- mask D3782-041 and D3782-043 front legs and D3787-1 foot as per dwg D412-769-041 2- Powder coat remainig of assembly grey as per dwg D412-769-2 Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 START TIME: OVEN TEMPERATURE: FINISH TIME: QC3 INSPECT POWDER COAT/CHEMICAL CONVERSION 29.0 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION 30.0 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Pick Packing Kit Guard 31.0 D37751 Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Guard

W/O:		WORK C	RDER CHANGES			981		
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #: Fault Category: _	NCR	l: Yes	No DQ	A:	Date: _	

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		Description of NC		Corrective Action Section B		Verification	Ammrayal	Annroyal
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Friday, 01/08/2008 10:47:30 AM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y RH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40920 Part Number: D412769044 Job Number: Seq. #: Description: **Machine Or Operation:** D37741 Seat Bottom, LH/RH 32.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Bottom, LH batch: 341084 33.0 D37743 Seat Back, LH/RH Comment: Qty.: Total: 1.0000 Each(s) Seat Bottom, LH FF 08/89/23 34.0 Screw Comment: Qty.: Total: 13.0000 Each(s) ok → Screw M 08/09/23 batch: 1/2 Washer Comment: Qty.: 13.0000 Each(s)/Unit Total: 13.0000 Each(s) Washer FF 08/09/23 batch: M 105 793 (or NAS1149D0332J) batch: MS21042L3 Nut 36.0 Comment: Qty.: 19.0000 Each(s)/Unit Total: 19.0000 Each(s) Nut 08/09/23 AN35A Bolt 37.0 Comment: Qty.: 6.0000 Each(s)/Unit Total: 6.0000 Each(s) Bolt 08/09/23 M 100 188 SMALL & MEDIUM FAB RESOURCE 1 38.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 1- install remaining parts as per dwg D412-769-2

Form: rprocess

Page 6

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
			QA: N/C Closed:	Date:

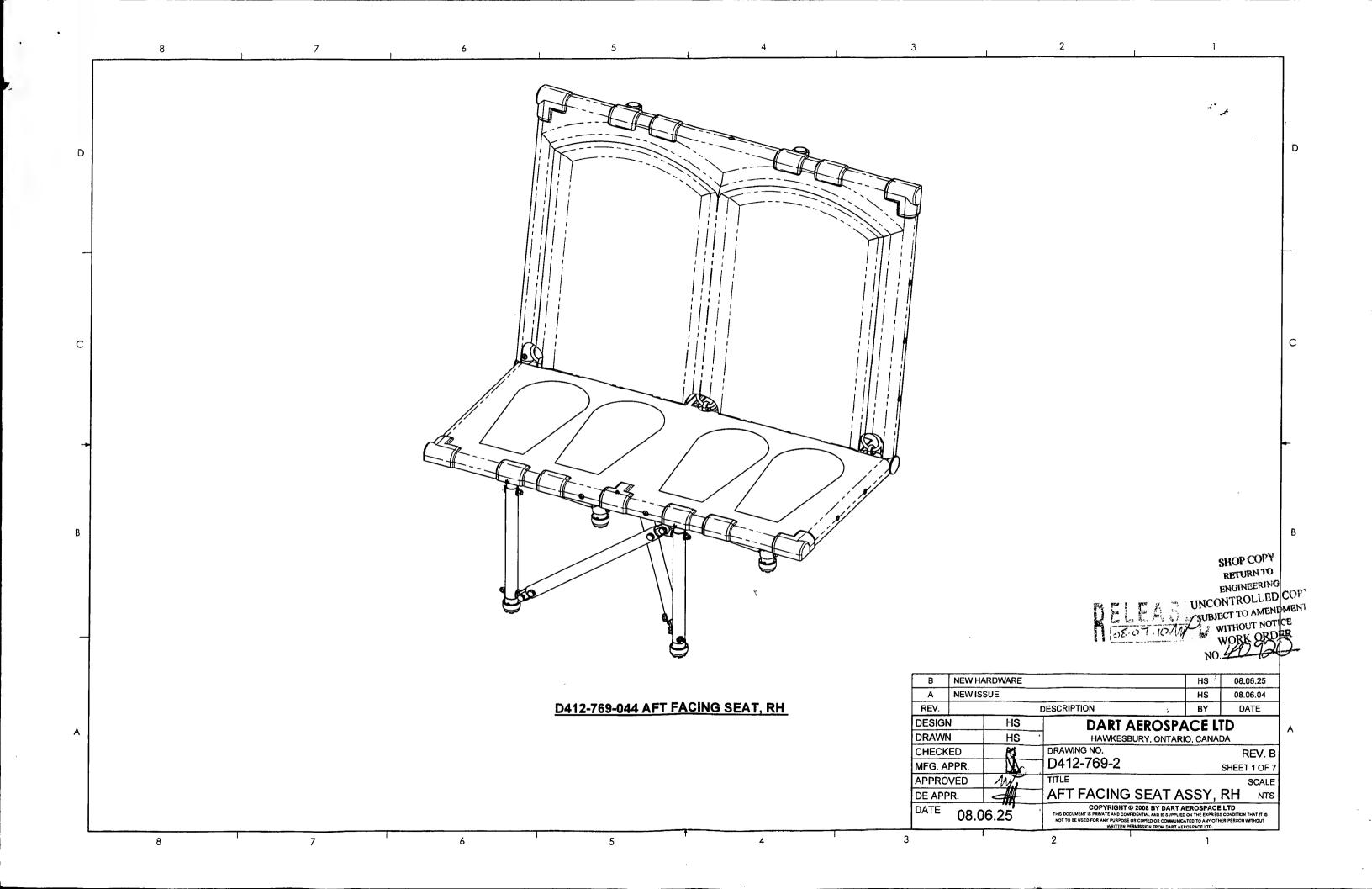
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Friday, 01/08/2008 10:47:30 AM Date: User: Julie Lecocq **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: AFT FACING SEAT ASS'Y RH Job Number: 40920 Part Number: D412769044 Job Number: Seq. #: **Machine Or Operation: Description:** INSPECT WORK TO CURRENT STEP 39.0 QC5 Comment: INSPECT WORK TO CURRENT STEP PACKAGING RESOURCE #1 PACKAGING 1 40.0 PPP 4882 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: FINAL INSPECTION/W/O RELEASE 41.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE W 08,09,24 Job Completion

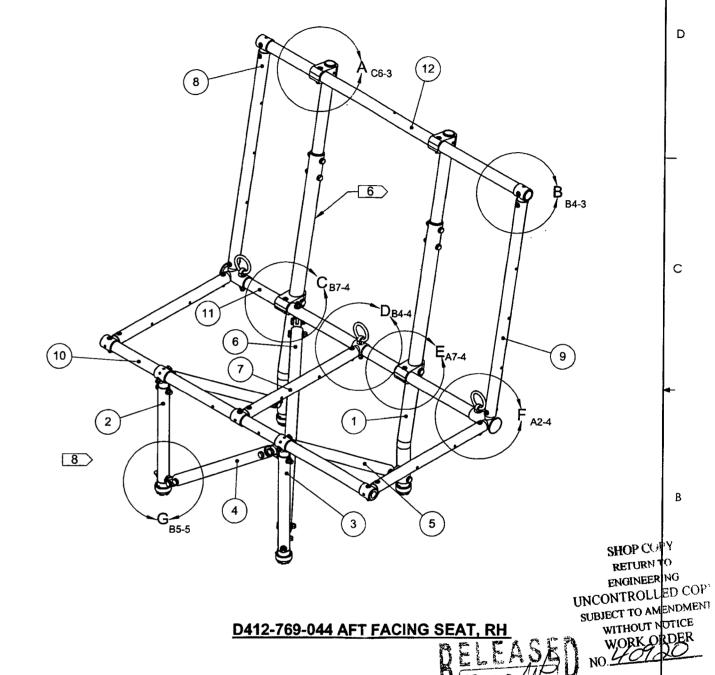
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
		Description of NC	Corrective Action Section B		Verification	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector



	ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-044)
Ī	1	D3782-045	BACK LEG ASSY	2
	2	D3782-041	FRONT INBOARD LEG ASSY	1
Ī	3	D3782-044	FRONT OUTBOARD LEG ASSY, RH	1
1	4	D3783-041	LATERAL BRACE ASSY	1
	5	D3783-043	LONGITUDINAL BRACE ASSY	2
	6	D3783-045	ANGLE BRACE ASSY	1
1	7	D3784-041	SEAT SUPPORT ASSY	1
Ī	8	D3784-043	SEAT SUPPORT ASSY, LH	1
	9	D3784-044	SEAT SUPPORT ASSY, RH	1
Ī	10	D3766-2	FRONT RAIL, RH	1
	11	D3766-3	REAR RAIL	1
Ī	12	D3767-1	UPPER RAIL	1
Ì	13	D3792-1	SEAT BELT EYE BOLT	3
	14	D3775-1	GUARD	2
f	15	D3774-1	SEAT BOTTOM	1
	16	D3774-3	SEAT BACK	1
Ī	17	AN3-5A	BOLT	6
	18	AN4-15A	BOLT	2
Ī	19	AN45-13A	EYE BOLT	1
	20	AN5-10A	BOLT	6
	21	AN5-13A	BOLT	2
B	22	AN525-10R22	SCREW	13
B	23	AN525-10R24	SCREW	9
	24	MS21042L3	NUT	28
Ī	25	MS21042L4	NUT	2
Ī	26	MS21042L5	NUT	12
	27	NAS1149D0332J	WASHER (AN960JD10L)	13
Ī	28	NAS1149D0363J	WASHER (AN960JD10)	21
İ	29	NAS1149D0463J	WASHER (AN960JD416)	4
Ī	30	NAS1149D0568J	WASHER (AN960JD516)	20



**D412-769-044 AFT FACING SEAT, RH** 

DESIGN HS		DART AEROSPACE LTD				
DRAWN	HS ;	HAWKESBURY, ONTARIO, CANADA				
CHECKED	ett-	DRAWING NO. REV. B				
MFG. APPR.		D412-769-2 SHEET 2 OF 7				
APPROVED	100	TITLE SCALE				
DE APPR.	-11	AFT FACING SEAT ASSY, RH NTS				
DATE 08.0	6.25	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COORDISON ROTHER OF THE PERSON WITHOUT				

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3 PRIOR TO
INSTALLATION OF SEAT BOTTOM/BACK (D3774-1, -3). MASK FRONT LEGS PRIOR TO POWDER COAT
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH D2729-1 RED DECAL ATTACHED TO BACK LEG ASSEMBLY (D3782-045)

8

8) ITEM 15 (D3774-1 SEAT BOTTOM) AND ITEM 16 (D3774-3 SEAT BACK) REMOVED FOR CLARITY

